

MARICOPA ASSOCIATION OF GOVERNMENTS

INFORMATION SUMMARY... for your review

REVISED

DATE:

June 8, 2017

SUBJECT:

Consultant Selection for the I-10 Integrated Corridor Management Plan

SUMMARY:

On June 7, 2017, the MAG Intelligent Transportation Systems Committee recommended the selection of Kimley-Horn and Associates, Inc., to conduct the study to develop an Integrated Corridor Management Plan for the I-10 corridor through the MAG region.

On March 23, 2016, the MAG Regional Council Executive Committee approved amending the FY 2016 Unified Planning Work Program and Annual Budget to add a consultant project in the amount of \$175,000 for a MAG study to develop the I-10 Integrated Corridor Management (ICM) Plan for the I-10 corridor through the MAG region, from Loop 101/Agua Fria to Loop 202/San Tan. Funding is provided by a grant from the Federal Highway Administration (FHWA).

Originally, the complete grant, in the amount of \$200,000, was added to the FY 2015 Unified Planning Work Program. After the first two study tasks were completed utilizing a MAG on-call consultant at a cost of \$24,969 in grant funding, it was decided that all remaining study tasks would be carried out by a consultant selected via a Request for Proposals utilizing the remaining amount of \$175,000 in grant funds.

The scope of work for this 15-month study was developed with input from a stakeholders group with representation from the FHWA, the Arizona Department of Transportation (ADOT), and all affected local agencies in the corridor. A Request for Proposals was issued on April 19, 2017. A total of two proposals was received on May 18, 2017, from consultant teams led by the following firms: AECOM and Kimley-Horn and Associates, Inc. A multi-agency proposal evaluation team consisting of MAG member agencies and MAG staff reviewed the proposals and recommended to MAG the selection of the team led by Kimley-Horn and Associates, Inc. to perform the study.

Upon Regional Council Executive Committee approval a contract will be developed and executed. It is anticipated that work on this project would begin in August 2017. Oversight for this study will be provided by a stakeholders group with representation from FHWA, ADOT and all affected local agencies in the I-10 corridor.

This study will develop a plan to implement ICM strategies that would result in efficient coordination of freeway and arterial traffic operations on the I-10 corridor. The Phoenix metropolitan region is one of thirteen sites across the nation that were selected to apply advanced ICM planning knowledge gained through two National ICM Demonstration Projects carried out in San Diego, California, and Dallas, Texas. The MAG study scope was guided by the work at these two sites.

The ongoing MAG Systems Management and Operations Study, which is being conducted to guide the region in making strategic investments to build a traffic management system that can deliver efficient and reliable traffic operations in the future, has recommended a four-tiered approach for future regional investments in improving traffic operations. The highest tier recommended is the development of Integrated Corridor Management on all freeway corridors. The I-10 corridor is recognized as the busiest freeway corridor through the MAG region. The I-10 Integrated Corridor Management Plan will recommend current operational strategies and future ITS infrastructure projects to improve traffic operations on I-10 and adjacent arterials.

PUBLIC INPUT:

None has been received.

PROS & CONS:

PROS: The Plan to be developed through this study would be the first comprehensive ICM Plan developed in the MAG region. It would serve as an excellent template for developing similar plans for other freeway corridors in the region.

CONS: None.

TECHNICAL & POLICY IMPLICATIONS:

TECHNICAL: The work funded through this FHWA grant will help the MAG region apply state-of-the-practice methods for developing ICM plans for improved traffic coordination between the freeways and parallel arterials in the I-10 corridor. This study would include a significant contribution by MAG staff in providing technical support with simulation modeling tasks. The lessons learned and knowledge gained from this project would help the region and also the state apply ICM strategies on other freeway corridors.

POLICY: This study would rely on the participation and support of staff at key stakeholder agencies in the I-10 corridor including: Arizona DOT, Department of Public Safety, Valley Metro, Maricopa County, City of Phoenix, City of Tempe and City of Chandler. The anticipated benefits from this enhanced planning effort would be realized by the region only when the plan is actually implemented. The commitment of MAG and all participating agencies to implement the plan would be critical for the plan's success.

ACTION NEEDED:

Recommend approval of the selection of the firm Kimley-Horn and Associates, Inc., to conduct the study to develop an Integrated Corridor Management Plan for the I-10 corridor through the MAG region for an amount not to exceed \$175,000.

PRIOR COMMITTEE ACTIONS:

On June 7, 2017, the MAG Intelligent Transportation Systems Committee recommended the selection of Kimley-Horn and Associates, Inc., to conduct the study to develop an Integrated Corridor Management Plan for the I-10 corridor through the MAG region.

MEMBERS ATTENDING

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| Steve Ramsey, ADOT | * Sergeant John Paul Cartier, DPS |
| Raquel Schatz, City of Apache Junction | # Bryce Christo, City of El Mirage |
| * Yingyan Lou, ASU | Ed Stillings for Jennifer Brown, FHWA |
| Chris Hamilton, City of Avondale (Chair) | # Rajnish Gupta, Town of Gilbert |
| Tammy Valadez Paz, City of Buckeye | Allan Galicia for Debbie Albert, City of |
| * Mike Mah, City of Chandler | Glendale |

Hugh Bigalk for Luke Albert, City of
Goodyear
Faisal Saleem for Nicolaas Swart, Maricopa
County
Tricia Boyer, City of Mesa
Steve McKenzie, City of Peoria

Bruce Littleton, City of Phoenix
Mohamed Youssef, Town of Queen Creek
Leslie Bubke, City of Scottsdale
Albert Garcia, City of Surprise
David Lucas, City of Tempe
Jay Yenerich, Valley Metro

* Member neither present nor represented by proxy

Attended by Audioconference

+ Attended by Videoconference

A multi-agency study proposal evaluation team evaluated the two proposals and on May 25, 2017, finalized their evaluation and recommended to MAG the selection of the team led by Kimley-Horn and Associates, Inc. for conducting the study.

PROPOSAL EVALUATION TEAM

Reza Karimvand, Arizona DOT
Ed Stillings, Federal Highway Administration
Faisal Saleem, Maricopa County
Chris Hamilton, City of Avondale
Bruce Littleton, City of Phoenix

David Lucas, City of Tempe
Micah Henry, MAG
Eric Nava, MAG
Sarath Joshua, MAG

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